



## NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H090273

**Mode:** Highway

**Status:** Submitted

### NC-14, NC-87

**From/Cross Street:** NC 700/770 (Meadow Road) in Eden

**Specific Improvement Type:** 1 - Widen Existing Roadway

**To:** Virginia State Line

**Project Category:** Regional Impact

**Length:** 4.78

**TIP#:** R-4402

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$61,135,000

#### Description:

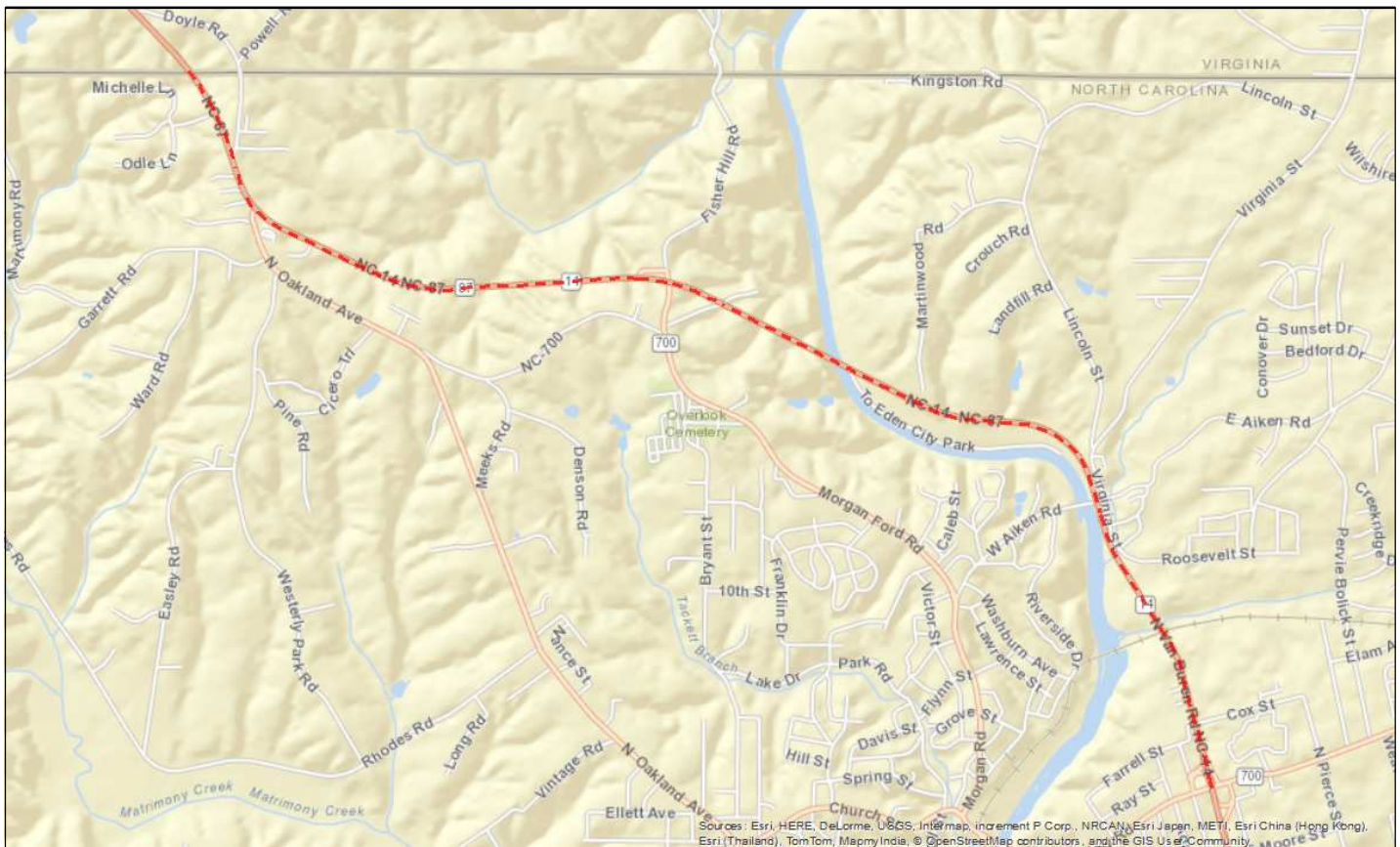
NC 700/770 (Meadow Road) in Eden to the Virginia State Line. Widen to Multi-Lanes.

**Division(s):** Division 7

**County(s):** ROCKINGHAM

**MPOS(s)/RPO(s):** Piedmont Triad RPO

### Project Location



**Statewide Mobility Total Score: 0**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
<b>Totals: Weight: 0% Weighted Score: 0</b>	N/A	N/A

**Regional Impact Total Score: 48.52**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Congestion (V/C) (25%) 41.42	Percent: 15%	Percent: 15%
Safety (10%) 45.74	Points: 100	Points: 100
[Travel Time] Benefit/Cost (25%) 0.32		
Accessibility / Connectivity (10%) 35.10		
<b>Totals: Weight: 70% Weighted Score: 18.52</b>		

**Division Needs Total Score: 12.92**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Safety (10%) 45.74	Percent: 25%	Percent: 25%
[Travel Time] Benefit/Cost (20%) 0.32	Points: 0	Points: 0
Congestion (V/C) (20%) 41.42		
<b>Totals: Weight: 50% Weighted Score: 12.92</b>		

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	4.78
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	4
Roadway has Curb & Gutter?	No
Volume (AADT):	9699.14
Capacity:	15500
Volume/Capacity Ratio:	0.63
% Autos:	91%
% Trucks:	9%
Truck Volume:	849.92
Crash Density:	54.57
Crash Severity:	52.1
Critical Crash Rate:	30.56
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	23
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	99
Actual Congested Speed:	46.31
Travel Time Index:	1.18

**Project Benefits**

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	55
Length (miles):	4.78
Facility Type:	Multi-Lane Highway
Access Control:	Partial
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	854807.56
Travel Time Savings for 30 Years (Autos):	779902
Travel Time Savings for 30 Years (Trucks):	74905.56
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 7

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 7	100%	100	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>100</b>	<b>0</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Piedmont Triad RPO	100%	100	0
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>100</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$54,036,000	TIP Unit
Right-of-Way Cost:	\$6,338,000	Cost Estimation Tool
Utilities Cost:	\$761,000	Cost Estimation Tool
Total Project Cost:	\$61,135,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$61,135,000</b>	